

# Vatican solar panels





## Overview

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Will Vatican City run on solar power?

A letter entitled 'Brother Sun' laid out the pontiff's plans. Pope Francis has renewables on his mind as he says he wants Vatican City to run on solar power. To achieve his aim, solar panels will be installed on a Vatican-owned property outside Rome. The power generated could supply all of Vatican City's energy needs.

Why does the Vatican have a solar system?

The Vatican's solar shift is a culmination of a political and spiritual mission years in the making. In 2024, the late Pope Francis issued an apostolic letter ordering the construction of an agrivoltaic solar plant to supply the Vatican with energy from Santa Maria di Galeria. On the same site, the new solar infrastructure now stands.

Why did Acea install a solar energy system in Vatican City?

This project was carried out by ACEA, an Italian utility company, which installed systems to meet all of the Vatican's energy demands. What makes this significant is not the size, but that Vatican City is only 0.49km<sup>2</sup>, and there was no loud campaign, no press tour, just action set in stone and implemented.

Where are solar panels located in Rome?

Sometimes the solar arrays are situated on top of greenhouses, interwoven among crops, or elevated plants. Where is the Vatican's solar installation located?

The agrivoltaic plant is situated on the Holy See's property at Santa Maria di Galeria on the outskirts of Rome.

How will the Vatican's new energy system work?



According to the Vatican's press office, the installation will apply the most advanced solutions currently available, balancing clean energy generation with the preservation of agricultural use, the region's hydrogeological stability, and the protection of its cultural and archaeological heritage (ZENIT News / Rome, 08.01.2025).-.

Why is Maasin Diocese installing solar panels?

The Maasin diocese was recognized as the first in the world to equip its churches with solar panels. By installing solar panels in our 42 parish churches, the diocese will try to avoid 191 metric tons of carbon dioxide emissions over the next 25 years through the generation of solar power.



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### **The Vatican goes green: Pope announces new solar plant to power Vatican**

Pope Francis has renewables on his mind as he says he wants Vatican City to run on solar power. To achieve his aim, solar panels will be installed on a Vatican-owned property ...

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### [Vatican strikes solar farm deal to become world's first](#)

The Vatican denied there was any causal link but cut back the transmissions. Pope Francis last year asked the Vatican to study developing the area into a vast solar farm, hoping ...

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### **From electromog to photovoltaics: how the Vatican is going green**

A solar panel system is being built on the 424 hectares of extraterritorial land in Ponte Galeria, which within a year will make the Holy See the first zero-emission state in the ...

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### **Pope orders construction of agrivoltaic plant for the Vatican**

With the Apostolic Letter "Fratello sole," issued motu proprio, Pope Francis provides for the construction of an agrivoltaic plant in the extraterritorial zone of Santa Maria in ...



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### **Vatican strikes solar farm deal to become the world's first carbon**

Italy agreed Thursday to a Vatican plan to turn a 430-hectare (1,000-acre) field north of Rome, once the source of controversy between the two, into a vast solar farm.

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### [Vatican solar farm will make it the world's first carbon](#)

Italy has agreed to a Vatican plan to turn a 430-hectare (1,000-acre) plot of land north of Rome into a vast solar farm that will generate enough electricity to meet the needs of ...

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### [Pope Francis Orders Construction of Solar Farm to ...](#)

Pope Francis has unveiled a plan to transition Vatican City to solar energy as its primary source of electricity in his latest motu proprio "Fratello ...

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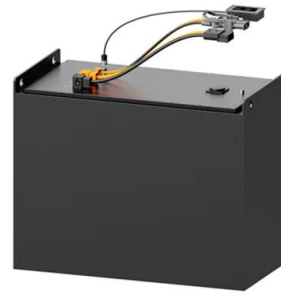




## Vatican solar farm achieves world's first carbon-neutral state

This ambitious project, which has received approval from the Italian government, aims to generate sufficient electricity to fulfill the energy needs of Vatican City, aligning with ...

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## Vatican City now runs fully on solar power « Euro Weekly News

The world's smallest country just made a big move: Vatican City is now powered entirely by solar energy, setting an example for global climate action.

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## The Vatican will become the first country in the world to produce ...

The project aims to meet the full energy needs of both the Vatican State and Vatican Radio using solar technology integrated with agricultural activity.

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## Vatican City Is Now Powered By Solar

By installing solar panels in our 42 parish churches, the diocese will try to avoid 191 metric tons of carbon dioxide emissions over the next 25 years through the generation of ...

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### [Pope Francis unveils plan for Vatican to go solar](#)

Pope Francis has announced measures to transition Vatican City to using solar energy as its main source of electricity, as outlined in his latest motu proprio titled Fratello ...

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### **Pope orders construction of solar farm for Vatican City State**

Pope Francis, a vocal campaigner for action against climate change and on environmental protection, on Wednesday ordered the construction of a solar farm to cover the ...

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### **Pope visits Vatican Radio transmission center, site of possible solar**

Pope visits Vatican Radio transmission center, site of possible solar farm Today's feast of the Body and Blood of Christ is a Vatican holiday, although Pope Leo will celebrate the ...

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### [Solar panels installed in Vatican Museums \[PHOTOS\]](#)

Additionally, solar panels are being installed on the roof of a warehouse in the Vatican, with these works expected to be completed in the early months of next year. Another ...

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### ['Fratello Sole' Pope Orders Solar Panels in Vatican](#)

Pope Francis has released the following Motu Proprio regarding solar panels in the Vatican. With the Encyclical Letter "Laudato Sì" on the care ...

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### [High tech meets historic - solar energy in the Vatican](#)

Thanks to a unique photovoltaic plant installed on the roof of the Vatican Audience Hall, the Papal State has been producing 300 MWh of solar energy every year since its installation in 2008. ...

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